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Contents

UNIT INFORMATION	1
Trademark Information	1
Servicing	1
Cabinet Cleaning	1
Panel Cleaning	1
Remote Control / TV	2
INITIAL SETUP	4
OPERATIONS	5
Watching a TV Programme	5
Favourite	5
EPG (Electronic Programme Guide)	5
Sound Select	6
Sleep Timer	6
Subtitle Settings	6
Teletext Settings	6
Switching the Input Mode	6
Recording	7
Photo Playback	8
PC Format	9
OTHER SETTINGS	10
Channel Settings	10
PC Settings	12
Picture Adjustment	13
Sound Adjustment	14
Time Settings	15
Lock Settings	16
Hotel Mode Settings	17
Setup Adjustment	18
TROUBLESHOOTING GUIDE	21
SPECIFICATIONS	23

UNIT INFORMATION

Trademark Information

- Manufactured under license from Dolby Laboratories. Dolby and the double-D symbol are trademarks of Dolby Laboratories.
- The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries.
- DVB is a registered trademark of the DVB Project.
- The "HD TV" Logo is a trademark of DIGITALEUROPE.

Servicing

- Should your unit become inoperative, do not try to correct the problem by yourself. There are no user-serviceable parts inside. Take the unit to a Service Centre for servicing.

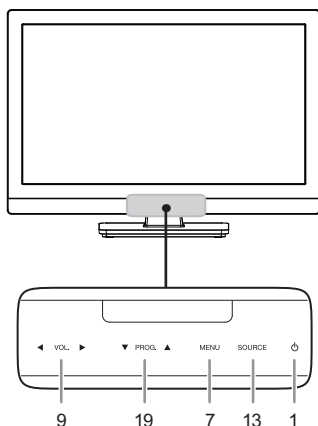
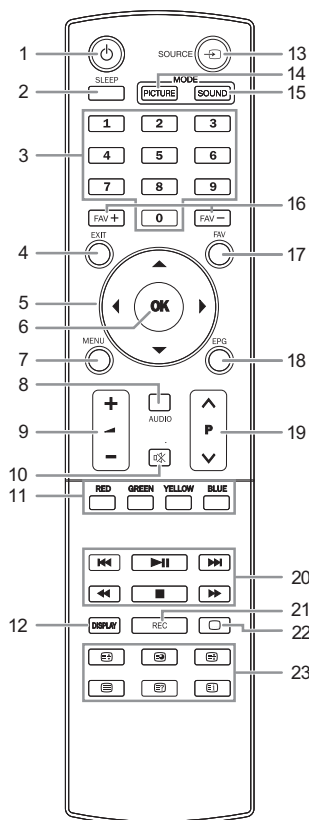
Cabinet Cleaning

- Gently wipe the front panel and other exterior surfaces of the unit with a soft cloth.
- Never use a solvent or alcohol. Do not spray insecticide liquid near the unit. Such chemicals may cause damage and discoloration to the exposed surfaces.

Panel Cleaning

- If the LCD panel should require cleaning, wipe it with a cotton or soft cloth. Before cleaning the panel, disconnect the power cord.

Remote Control / TV



1. **Power**
Turns the unit on and go into the standby mode.
2. **SLEEP (p. 6)**
3. **Number buttons**
Selects the desired channel in TV mode and enters the password in the PIN code input field.
4. **EXIT (p. 5)**
Returns to the previous display.
5. **▲ / ▼ / ◀ / ▶ (Cursor) (p. 5)**
6. **OK**
7. **MENU (p. 10)**
8. **AUDIO (p. 6)**
9. **◀ + / - ▶ (p. 5)**
To adjust the volume.

• **VOL.** ◀ / ▶ (Front panel) works the same function as ◀ / ▶ (cursor) on the menu.

10. **Mute (p. 5)**
11. **RED / GREEN / YELLOW / BLUE**
Uses for "EPG (Electronic Programme Guide)" (p. 5) / "[Programme Edit]" (p. 11).
12. **DISPLAY**
Display the channel number or input source.
13. **SOURCE (p. 6)**
14. **PICTURE MODE (p. 13)**
15. **SOUND MODE (p. 14)**
16. **FAV + / FAV - (p. 5)**
17. **FAV (p. 5)**
18. **EPG**
"EPG (Electronic Programme Guide)" (p. 5)
19. **P ▲ / ▼ (p. 5)**
To select a channel.

• **PROG.** ▲ / ▼ (Front panel) works the same function as ▲ / ▼ (cursor) on the menu.

20. **▶II (Play / Pause) / ◀◀ (Skip backward) / ▶▶ (Skip forward) / ■ (Stop) / ◀◀ (Rewind) / ▶▶ (Fast-forward)**
21. **REC (Record)**
22. **☰ (Subtitle) (p. 6)**
23. **⌕ (Expand) / ⌕ (Subpage) / ⌕ (Hold) / ⌕ (Text) / ⌕ (Reveal) / ⌕ (Index) (p. 6)**

24. CI slot**25. USB terminal (p. 7, 8)**

- Data input from USB flash memory only.
- User should not connect any devices to the USB terminal such as digital camera, keyboard, mouse, etc. (because these will not work.)
- The software update is, in most cases, handled by an authorised service person or in some circumstances the user may be asked to do the software update themselves.

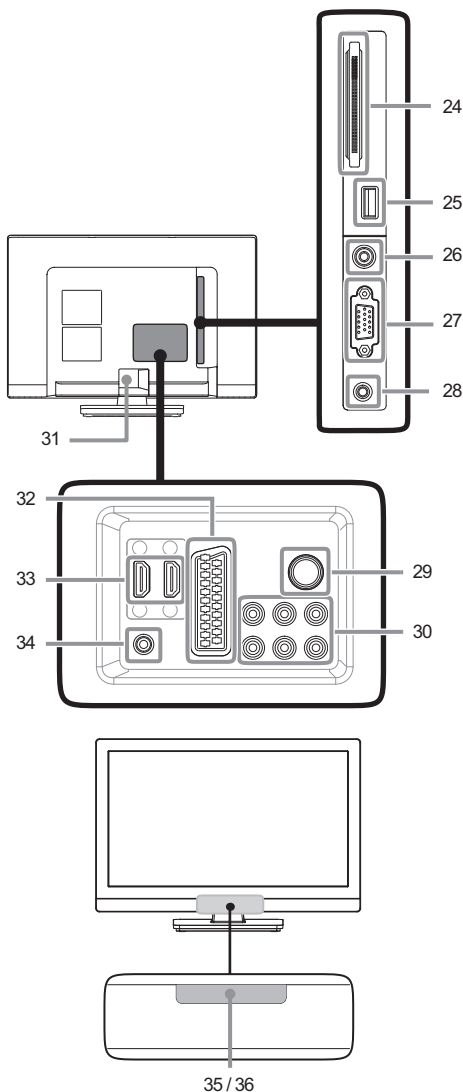
26. Coaxial digital audio output jack**27. PC (VGA) input jack****28. Audio input jack for PC connection****29. ㄗ (Aerial) input jack****30. Component video, Composite video and Audio (L/R) input jacks****31. AC power cord inlet****32. SCART jack****33. HDMI (HDMI 1 / HDMI 2) input jack****34. Headphone audio output jack****35. Standby / Power indicator**

Lights up red when the unit goes into standby mode.

Light off when power is on.

36. Infrared sensor window


Receives the infrared rays transmitted from the remote control.

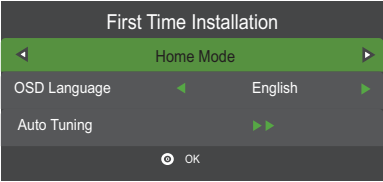




35 / 36

INITIAL SETUP















This section will guide you through the unit's initial setup which includes selecting a language for your on-screen menu and auto scan, which automatically scans and memorises viewable channels.

- 1 After making all the necessary connections, turns on the unit using the main power switch, then press .

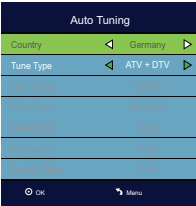


- 2 Use  /  to select the location.

- Select **[Home Mode]**, this unit is set to maximise the energy efficiency for home setting and it can be adjusted through a choice of picture and sound quality according to your preference.
- Select **[Retail Mode]**, this unit will be set up with predefined setting for retail displays.
- If you select **[Retail Mode]**, the confirm message will appear.

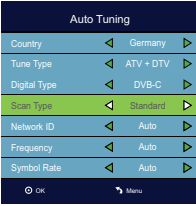
- 3 Use  /  to select **[OSD Language]**, then select the language you want, using  / .
- 4 Use  /  to select **[Auto Tuning]**, then press **OK**.
- 5 Use  /  to select **[Country]**, then select the country you want, using  / .
- 6 Use  /  to select **[Tune Type]**, then select **[DTV]**, **[ATV]** or both channels, using  / .













< For DVB-T scanning >



- 7 Press **OK** to start scanning.

< For DVB-C scanning >



- 7 Use  /  to select **[Digital Type]**, then select **[DVB-C]**, using  / .
- 8 Use  /  to select **[Scan Type]**, then select **[Standard]** or **[Advanced]**, using  / .
- 9 Use  /  to select the item you want, and then adjust the setting, using  / .
- 10 Press **OK** to start scanning.

- Scan confirmation menu will appear.
- In case when not all available cable channels are found through **[Standard]** scanning mode, these programs can be scanned by selecting **[Advanced]** mode. Please note, that **[Advanced]** mode scanning can take additional time.
- Depending on cable TV provider specification, correct subscription to cable signals cannot be guaranteed.
- When the scanning is completed, the lowest memorised digital or analogue channel will be displayed.
- If you press **MENU** during channel scanning, this operation will be paused, then press **MENU** again to exit the initial setup.

OPERATIONS

Read this first

These operations are accessible by remote control. Some may also be accessible by controls on the main unit.

Watching a TV Programme

To select a channel

Use **P** **^** / **v** repeatedly to select your desired channel, or use **the Number buttons** to enter a channel number, then press **OK** for quicker access. (e.g.) If you want to select the channel 24 without pressing **OK**, press **2** first, then press **4** within 3 seconds.

To adjust the volume

Use **◀ +** / **—** to adjust the audio volume.
Press **⏻** to turn on or off the sound right away.

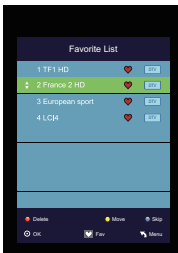
- You can recover the original volume by pressing **⏻** again or **◀ +** / **—**.

Favourite

You can easily find a favourite channel.

- You can set favourite channel at "[Programme Edit]" (p. 11).

- 1 Press **FAV** while watching a programme to show the favourite channel list.
- 2 Use **▲** / **▼** to select the channel you want, then press **OK**.



- Use **FAV** **+** / **—** to select the favourite channel while watching a programme.
- Use **◀** / **▶** to move to the previous or next page.

- 3 Press **EXIT** to exit.

EPG (Electronic Programme Guide)

For Digital TV operation

You can easily find a channel or see the detailed channel information. EPG gives you scheduled information of the TV programme.

- 1 Press **EPG** and use **▲** / **▼** to select a channel.



[Record] (RED) :

Press to call up record list. You can choose the time of the appointment to record you want.

[Display] (GREEN) :

Press to display the detail information about the programme.

[Schedule] (YELLOW) :

Press to see the setting you have done before.

[Remind] (BLUE) :

Press to set the time you want to remind the programme you want to see.




- When the time appointment is conflict, it will produce a warning message.

- 2 Press **EPG** to exit.

Sound Select

For Digital TV operation

Press **AUDIO** to display currently selected audio language with the number of available ones and press repeatedly to cycle through them.

 :	Dolby Digital sound
 :	Dolby Digital Plus sound
 :	HE-AAC sound
no icon :	MPEG sound

For Analogue TV operation

Press **AUDIO** to display currently selected audio mode and press repeatedly to cycle through the available audio mode.
(e.g.)

NICAM STEREO ↔ Mono
NICAM DUAL I → NICAM DUAL II → Mono ↑──┘
NICAM MONO ↔ Mono
Stereo ↔ Mono
DUAL I ↔ DUAL II
Mono


Sleep Timer

The sleep timer can be set the unit to go to the standby mode after an incremental period of time.

- 1 Press **SLEEP** repeatedly to change the sleep time period.
- Each time you press **SLEEP**, the timer increases from 10 minutes up to 240 minutes.
 - Press **SLEEP** repeatedly until **[Off]** appears to cancel the sleep timer.
 - If the unit goes into standby mode, the sleep timer will be cancelled.



Subtitle Settings






You can change the subtitle settings used for TV programmes.

- 1 Press  (**Subtitle**) repeatedly to change the subtitle language.

Teletext Settings

You can change the teletext settings used for TV programmes.


- 1 Press  (**Text**) to turn on the teletext decoder.
- 2 Press  (**Text**) repeatedly to show the teletext in transparent mode.

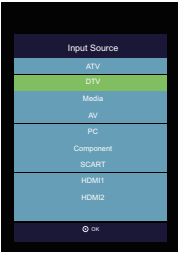
- To enlarge fonts, press .
 - To select the teletext subpages, press .
 - To directly select the page numbers shown at the bottom of the TV screen, use **RED / GREEN / YELLOW / BLUE**.
 - To call up the hidden information, press .
 - To hold the current page, press .
 - To go back to the start page, press .

- 3 Press **EXIT** to turn off the teletext decoder.

Switching the Input Mode

You can switch the input mode to TV mode or external input mode.

- 1 Press **SOURCE** .
- 2 Use **▲ / ▼** to select the input mode you want, then press **OK**.



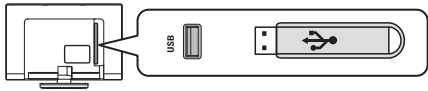
- [Component]** will be displayed if you connected component video cables to this unit.

Recording

This unit can record a TV programme. Use a USB flash memory for saving the data.

Before you begin

You must connect the USB flash memory to USB terminal of this unit (shown below) and select **[DTV]** at **[Input Source]**. Refer to “Switching the Input Mode” (p. 6).

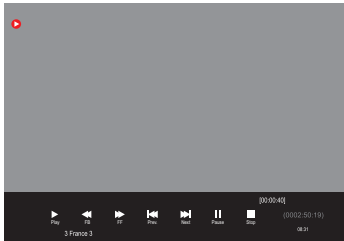


- The USB flash memory is not supplied with this unit.
- The unit recognise a USB flash memory only.
Do not use a USB hub and an extension cord between the USB flash memory and the unit.
Always connect the USB flash memory to this unit directly.
- We do not guarantee the all USB flash memory can be supported on this unit.

- 1 Press **SOURCE** to display the input mode and use **▲ / ▼** to select **[DTV]**, then press **OK**.

Record

- 2 Select the channel you want, then press **REC** to start recording the current programme.

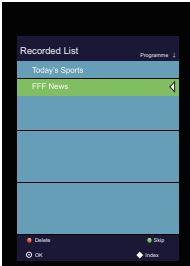


- 3 Press to stop the recording.

- When you stop the recording, it will return to normal broadcast television.
- When the storage space of Disk is shortage, it will appear a warning message. Then it stops recording automatically and return to normal broadcast television.

Playback

- 2 Press **⏮** **(index)** to call up the recorded list.
- 3 Use **▲ / ▼** to select the desired file, then press **OK** to start the playback.



Operation in Playback

Press **OK** to display the menu.

⏮ / ⏭ : Press to play or pause the playback.
⏮ / ⏭ : Press to rewind or fast-forward the playback. Every press on ⏮ / ⏭ will rewind or fast-forward faster up to five.
⏮ / ⏭ : Press to skip backward or forward the file.
■ : Press to stop the playback.
EXIT: Press to disappear the menu during the menu appears.

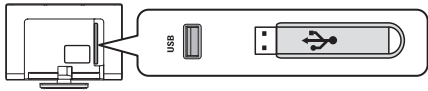
- 4 Press **SOURCE** and select input mode you want to exit this mode.

Photo Playback


This unit can play JPEG picture files. Use the USB flash memory contains the files.

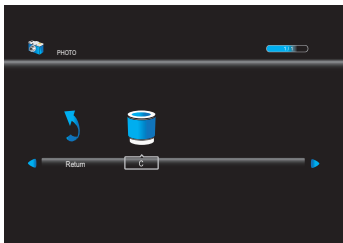
Before you begin

You must connect the USB flash memory to USB terminal of this unit (shown below) and select **[Media]** at **[Input Source]**. Refer to “Switching the Input Mode” (p. 6).

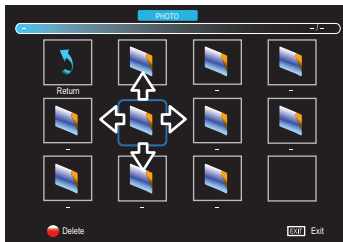


- The USB flash memory is not supplied with this unit.
- The unit recognise a USB flash memory only. Do not use a USB hub and an extension cord between the USB flash memory and the unit. Always connect the USB flash memory to this unit directly.
- We do not guarantee the all USB flash memory can be supported on this unit.

- 1 Press **SOURCE**  to display the input mode and use **▲ / ▼** to select **[Media]**, then press **OK**.
- 2 Press **OK** to enter **[PHOTO]**, and select **[C]**, then press **OK** to enter.



- 3 Use **▲ / ▼ / ◀ / ▶** to select the desired file, then press **OK**.




- 4 Press **OK** to display the menu during the slideshow.

- Use **◀ / ▶** to select **[Zoom In]** or **[Zoom Out]** and press **OK**.
The zoom factor: 1x, 2x and 4x
- Use **◀ / ▶** to select **[Playlist]** and press **OK** to display the list.
- Use **◀ / ▶** to select **[Info.]** and press **OK** to display the information.
- Use **◀ / ▶** to select **[Move View]** and press **OK** to move the picture, if the picture big enough to surpasses the screen.

Operation in Slideshow

▶ : Press to play or pause the slideshow.
◀◀ / ▶▶ : Press to skip backward or forward the file.
■ : Press to stop the slideshow.
[Repeat] (YELLOW) : Press to select the repeat mode; [Repeat None] , [Repeat 1] or [Repeat All] in order.
[Rotate] (▶) : Every press on ▶ will turn the picture clockwise by 90 degrees.
EXIT: Press to go back to the previous screen.

- 5 Press **SOURCE**  and select input mode you want to exit this mode.

- Funai cannot be held responsible if your USB flash memory is not supported, nor will Funai accept any liability for damage or loss of stored data.
- A USB flash memory that required its own driver or the device with a special system such as fingerprint recognition are not supported.
- Be sure to keep a backup copy of the original files on your device before you play them back on this unit. We have no responsibilities for damage or loss of your stored data.
- To avoid damaging the USB flash memory and the unit always turn off the unit before you remove the USB flash memory.
- This unit is not allowed to use the USB flash memory which requires external power supply (500 mA or more).
- This unit can be recognised up to 60,000 files in the USB flash memory.
- This unit may not be recognised if the length of the file names is too long. Only English characters can be recognised.
- This unit does not support MTP(Media Transfer Protocol) or the file other than FAT, FAT32 and NTFS file system. If the file is not supported, error message appears.
- When the unit does not recognise the USB flash memory, try reconnecting it.
- This unit cannot play back a file which go over the limit of file restriction.

It is supported that files to be played back in this unit are recorded under the following specifications:

JPEG :	
Baseline	8,192 x 8,192
Progressive	1,024 x 768

PC Format

The following signals can be displayed.

Format	Resolution	Refresh rate
VGA	720 x 400	70Hz
		60Hz
		72Hz
		75Hz
SVGA	800 x 600	60Hz
		72Hz
		75Hz
XGA	1,024 x 768	60Hz
		70Hz
		75Hz
SXGA	1,280 x 768	60Hz
WXGA	1,360 x 768	60Hz

- Connecting PC by HDMI cable is not guaranteed.
- Other formats or non-standard signals will not be displayed correctly.
- Please use the VGA cable that has a ferrite core.

OTHER SETTINGS

Read this first

Before adjust each setting, press **MENU** to display the menu.

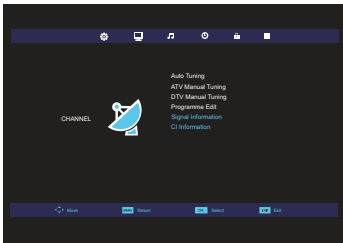
To exit the menu, press **MENU**.

Some settings need to enter PIN code, refer to “Lock Settings” (p. 16).

Channel Settings

You can edit the channel settings.

- 1 Use ◀ / ▶ to select **[CHANNEL]**.

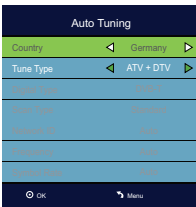


[Auto Tuning]

You can scan the DTV, ATV or both channel in your area automatically.

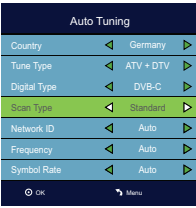
- 2 Use ▲ / ▼ to select **[Auto Tuning]**, then press **OK**.
- 3 Use the **Number buttons** to enter the 4-digit PIN code you set.
- 4 Use ▲ / ▼ to select **[Country]**, then select the country you want, using ◀ / ▶.
- 5 Use ▲ / ▼ to select **[Tune Type]**, then select **[DTV]**, **[ATV]** or both channels, using ◀ / ▶.

< For DVB-T scanning >



- 6 Press **OK** to start scanning.

< For DVB-C scanning >



- 6 Use ▲ / ▼ to select **[Digital Type]**, then select **[DVB-C]**, using ◀ / ▶.
- 7 Use ▲ / ▼ to select **[Scan Type]**, then select **[Standard]** or **[Advanced]**, using ◀ / ▶.
- 8 Use ▲ / ▼ to select the item you want, and then adjust the setting, using ◀ / ▶.
- 9 Press **OK** to start scanning.

- Scan confirmation menu will appear.
- In case when not all available cable channels are found through **[Standard]** scanning mode, these programs can be scanned by selecting **[Advanced]** mode. Please note, that **[Advanced]** mode scanning can take additional time.
- Depending on cable TV provider specification, correct subscription to cable signals cannot be guaranteed.
- When the scanning is completed, the lowest memorised digital or analogue channel will be displayed.
- If you press **MENU** during the scanning, this operation will be stopped and the lowest memorised channel will be displayed.

[ATV Manual Tuning]

For Analogue TV operation

You can search ATV channel manually in your area.

- 2 Use **▲ / ▼** to select **[ATV Manual Tuning]**, then press **OK**.
- 3 Use **the Number buttons** to enter the 4-digit PIN code you set.
- 4 Use **▲ / ▼** to select **[Current CH]**, then use **◀ / ▶** to select the channel you want.
- 5 Use **▲ / ▼** to select **[Sound System]**, then use **◀ / ▶** to select the system you want.
- 6 Use **▲ / ▼** to select **[Fine-Tune]**, then use **◀ / ▶** to adjust the setting.
- 7 Use **▲ / ▼** to select **[AFC]**, then use **◀ / ▶** to select **[On]** or **[Off]**.

• If you set to **[On]**, this unit adjust tuning to near channel automatically.

- 8 Use **▲ / ▼** to select **[Search]**, then press **OK** to start scanning.

[DTV Manual Tuning]

For Digital TV operation

You can search DTV channel manually in your area.

- 2 Use **▲ / ▼** to select **[DTV Manual Tuning]**, then press **OK**.
- 3 Use **the Number buttons** to enter the 4-digit PIN code you set.
- 4 Use **◀ / ▶** to select the channel you want, then press **OK** to start scanning.

[Programme Edit]

For Digital TV operation

You can edit the programme settings.

• You can check favourite channel list at "Favourite" (p. 5).

- 2 Use **▲ / ▼** to select **[Programme Edit]**, then press **OK** to show programme edit list.

Delete channels : [Delete]

- 3 Use **▲ / ▼** to select the channel you want, then press **RED** to delete the current channel.

Setting unshown channels : [Skip]

- 3 Use **▲ / ▼** to select the channel you want, then press **BLUE** to set the current channel as unshown channel.

Setting favourite channels : [Fav]

Using Favourite function, refer to "Favourite" (p. 5).

- 3 Use **▲ / ▼** to select the channel you want, then press **FAV** to set the current channel as favourite.

Switching channel number : [Move]

You can switch the current programme with the other channel number.

- 3 Use **▲ / ▼** to select the channel you want, then press **YELLOW**, and use **the Number buttons** to enter the other channel number you want to set, then press **OK**.

New channel number : [Move]

You can place the current programme to new channel number.

- 3 Use **▲ / ▼** to select the channel you want, then press **YELLOW**, and use **the Number buttons** to enter the unused channel number you want to set, then press **OK**.

[Signal Information]

For Digital TV operation

You can see the detail information about the signal.

- 2 Use ▲ / ▼ to select [Signal Information], then press OK.

[CI Information]

For Digital TV operation

You can see the detail information about the Common Interface, if you have inserted the CI card.

- 2 Use ▲ / ▼ to select [CI Information], then press OK.

- We do not guarantee the all cards can be supported on this unit.

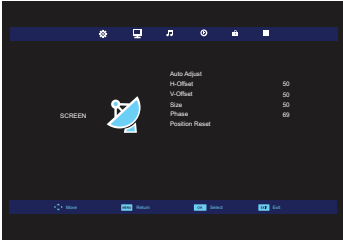
PC Settings

You can adjust the PC screen position, size and phase.

Before you begin

You must connect your PC to this unit and select [PC] at [Input Source]. Refer to “Switching the Input Mode” (p. 6).

- 1 Use ◀ / ▶ to select [SCREEN].



[Auto Adjust]

- 2 Use ▲ / ▼ to select [Auto Adjust], then press OK.

- Each setting will be adjusted automatically.

[H-Offset] / [V-Offset] / [Size] / [Phase]

- 2 Use ▲ / ▼ to select the item you want, then adjust the settings according to your personal preference.

- After press OK and appear the settings display, you can adjust them.

[Position Reset]

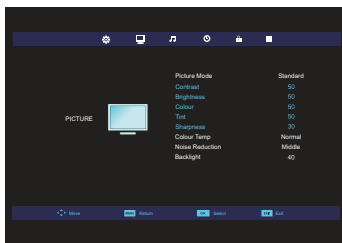
- 2 Use ▲ / ▼ to select [Position Reset], then press OK.

Picture Adjustment

You can adjust the picture settings according to your personal preference.

These settings are automatically stored after exiting the picture menu.

- 1 Use ◀ / ▶ to select **[PICTURE]**.



[Picture Mode]

- 2 Use ▲ / ▼ to select **[Picture Mode]**, then press **OK**.
- 3 Use ▲ / ▼ to select **[Dynamic]**, **[Standard]**, **[Mild]** or **[Personal]**, then press **OK**.

- You can change picture mode easily using **PICTURE MODE**.
- Press **PICTURE MODE** repeatedly to select picture mode you want. In this function, you can set also assign the picture mode individually to each input mode.

[Contrast] / [Brightness] / [Colour] / [Tint] / [Sharpness]

- 2 Use ▲ / ▼ to select the item you want, then press **OK**, and then appear the setting display, adjust the setting, using ◀ / ▶.

- You can adjust the settings, if you set **[Personal]** in **[Picture Mode]**.

[Colour Temp]

You can change the colour tone of the picture.

- 2 Use ▲ / ▼ to select **[Colour Temp]**, then press **OK**.
- 3 Use ▲ / ▼ to select **[Cold]**, **[Normal]** or **[Warm]**, then press **OK**.

[Noise Reduction]

You can adjust to reduce the appearance of digitising error caused by the compression.

- 2 Use ▲ / ▼ to select **[Noise Reduction]**, then press **OK**.
- 3 Use ▲ / ▼ to select **[Off]**, **[Low]**, **[Middle]**, **[High]** or **[Default]**, then press **OK**.

[Backlight]

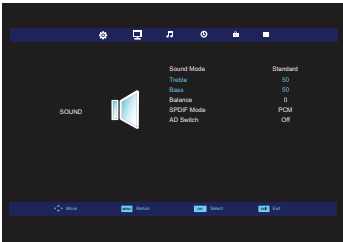
You can adjust backlight brightness.

- 2 Use ▲ / ▼ to select **[Backlight]**, then press **OK**, and then appear the setting display, adjust the setting, using ◀ / ▶.

Sound Adjustment

You can adjust the sound settings according to your personal preferences.

- 1 Use ◀ / ▶ to select [SOUND].



[Sound Mode]

- 2 Use ▲ / ▼ to select [Sound Mode], then press **OK**.
- 3 Use ▲ / ▼ to select [Standard], [Music], [Movie], [Sports] or [Personal], then press **OK**.

- You can change sound mode easily using **SOUND MODE**.
- Press **SOUND MODE** repeatedly to select sound mode you want.

[Treble] / [Bass] / [Balance]

You can set left / right speaker setting.

- 2 Use ▲ / ▼ to select the item you want, then press **OK**, and then appear the setting display, adjust the setting, using ◀ / ▶.
- You can adjust [Treble] and [Bass] settings, if you set [Personal] in [Sound Mode].

[SPDIF Mode]

- 2 Use ▲ / ▼ to select [SPDIF Mode], then select [PCM], [Auto] or [Off], using ◀ / ▶.

[PCM] :
PCM
[Auto] :
Dolby Digital (if available)

[AD Switch]

For Digital TV operation

You can adjust audio output setting and volume for visually impaired.

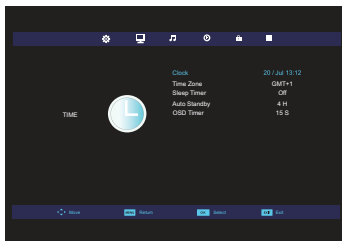
- 2 Use ▲ / ▼ to select [AD Switch], then select [Off] or [On], using ◀ / ▶.
- Only MPEG sound is available for this function.

Time Settings

You can change Time setting.

- **[Clock]** will change with the area which you have selected in the Time Zone.

- 1 Use ◀ / ▶ to select **[TIME]**.



[Time Zone]

You can set the time zone according to the resident area.

- 2 Use ▲ / ▼ to select **[Time Zone]**, then press **OK**.
- 3 Use ▲ / ▼ / ◀ / ▶ to select the time you want, then press **OK**.

- Although you select **[Auto]**, the correct time may not be displayed on the “Sleep Timer” (p. 6) depending on DTV broadcasting.

[Sleep Timer]

The sleep timer can be set the unit to go to the standby mode after an incremental period of time.

- 2 Use ▲ / ▼ to select **[Sleep Timer]**, then press **OK**.
- 3 Use ▲ / ▼ to select the time you want, then press **OK**.

- You can set also buttons on Remote Control, refer to “Sleep Timer” (p. 6).

[Auto Standby]

You can set the time to go into standby mode automatically as no activity is detected after power is turned on.

In spite of this setting, the unit goes into standby mode automatically if there is no signal input from the antenna terminal and no user operation for 15 minutes.

- 2 Use ▲ / ▼ to select **[Auto Standby]**, then press **OK**.
- 3 Use ▲ / ▼ to select the time you want, then press **OK**.

[OSD Timer]

You can set the OSD displaying time during no activity is detected after press **MENU**.

- 2 Use ▲ / ▼ to select **[OSD Timer]**, then press **OK**.
- 3 Use ▲ / ▼ to select the time you want, then press **OK**.

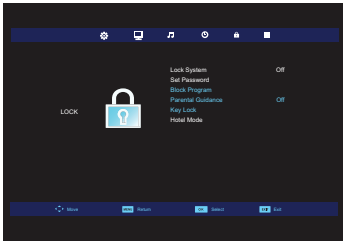
Lock Settings

You can set following lock settings.

Before you change the lock settings

You must remember your own PIN code.
Every lock settings need PIN code.

- 1 Use ◀ / ▶ to select [LOCK].

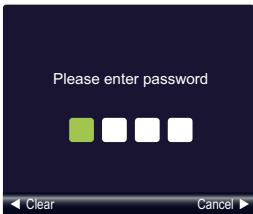


[Lock System]

You can set all lock settings.
If you set to [On], all lock settings work.

- 2 Use ▲ / ▼ to select [Lock System], then press OK.
- 3 Use the Number buttons to enter the 4-digit PIN code you set.

- If you have not set up your PIN code as France, enter 0001.
- If you have not set up your PIN code as other country, enter 0000.
- When you enter correct PIN code, you can change following settings.
- After you move to other settings, you have to enter your PIN code again to proceed Parental setting.
- If you set to [On], below settings need to enter PIN code due to change the settings.
: [Auto Tuning], [ATV Manual Tuning], [DTV Manual Tuning], [Programme Edit], [First Time Installation] and [Reset].



[Set Password]

You can set your own PIN code.

- 2 Use ▲ / ▼ to select [Set Password], then press OK.
- 3 Use the Number buttons to enter the new 4-digit number.
- 4 Use the Number buttons to enter the same 4-digit number again.

[Block Program]

- 2 Use ▲ / ▼ to select [Block Program], then press OK.
 - 3 Press GREEN to lock the current channel.
- To unlock programme, input the PIN code you set.

[Parental Guidance]

You can set the parental rating to avoid watching an inappropriate programme for your children.

- 2 Use ▲ / ▼ to select [Parental Guidance], then press OK.
- 3 Use ▲ / ▼ to select the age restriction, then press OK.

[Key Lock]

You can set [Key Lock] and unlock with PIN code.

- 2 Use ▲ / ▼ to select [Key Lock], then select [On] or [Off], using ◀ / ▶.

- If you set to [On], you cannot use the buttons on the unit.

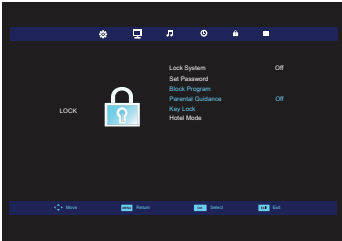
[Hotel Mode]

- 2 Use ▲ / ▼ to select [Hotel Mode], then press OK to enter [Hotel Mode] menu.
- Refer to "Hotel Mode Settings" (p. 17).

Hotel Mode Settings

You must enter **[Lock System]** due to proceed Hotel Mode setting. For details, refer to “Lock Settings” (p. 16).

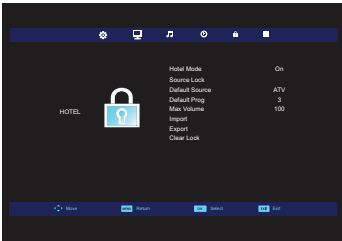
- 1 Use **◀ / ▶** to select **[LOCK]**.
- 2 Use **▲ / ▼** to select **[Lock System]**, then press **OK**.



- 3 Use the **Number buttons** to enter the 4-digit PIN code you set.

[Hotel Mode]

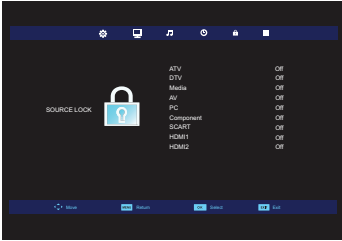
- 4 Use **▲ / ▼** to select **[Hotel Mode]**, then press **OK** to enter **[Hotel Mode]** menu.
- 5 Use **▲ / ▼** to select **[Hotel Mode]**, then press **◀ / ▶** to select **[On]** to adjust following settings.



[Source Lock]

You can lock the source one by one. If you set to **[On]**, the source does not appear on the display.

- 5 Use **▲ / ▼** to select **[Source Lock]**, then press **OK**.
- 6 Use **▲ / ▼** to select the source you want, then press **OK** to set to **[On]**.



[Default Source]

You can set the first displaying source as the unit turns on.

- 5 Use **▲ / ▼** to select **[Default Source]**, then press **OK**.
- 6 Use **▲ / ▼** to select the source you want, then press **OK** to set the default.

[Default Prog]

If you set **[ATV]** in **[Default Source]**, you can set the the first displaying ATV programme number as the unit turns on.

- 5 Use **▲ / ▼** to select **[Default Prog]**, then press **OK**.
- 6 Use **▲ / ▼** to select the programme you want, then press **OK** to set the default.

[Max Volume]

You can set maximum limit of audio volume.

- 5 Use ▲ / ▼ to select **[Max Volume]**, then press ◀ / ▶ to adjust the maximum limit of audio volume.

- If you set to **[On]**, you cannot turn the volume up over setup volume.

[Import]

You can import the Hotel Mode settings from USB flash memory.

- 5 Use ▲ / ▼ to select **[Import]**, then press **OK**.

- After importing, the unit will go into the standby mode automatically.
- If a USB flash memory does not insert, an error message will appear.

[Export]

You can export the current menu settings to USB flash memory.

- 5 Use ▲ / ▼ to select **[Export]**, then press **OK**.

- During exporting, LED on front panel will turn into red. (It'll take about 5 - 10sec.)
- After exporting, no message will appear.
- It takes about 10 seconds to complete the exporting the data.
- If a USB flash memory does not insert, an error message will appear.

[Clear Lock]

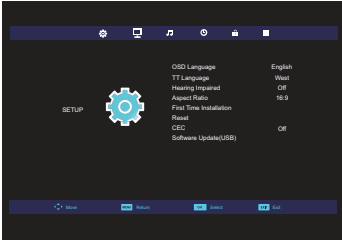
You can restore the Hotel Mode settings.

- 5 Use ▲ / ▼ to select **[Clear Lock]**, then press **OK**.

Setup Adjustment

You can change other setting.

- 1 Use ◀ / ▶ to select **[SETUP]**.



[OSD Language]

You can select the preferred on-screen language.

- 2 Use ▲ / ▼ to select **[OSD Language]**, then press **OK**.
- 3 Use ▲ / ▼ / ◀ / ▶ to select the language you want, then press **OK**.

[TT Language]

You can select the preferred teletext language.

- 2 Use ▲ / ▼ to select **[TT Language]**, then press **OK**.
- 3 Use ▲ / ▼ / ◀ / ▶ to select the language you want, then press **OK**.
- You can set also buttons on Remote Control, refer to "Teletext Settings" (p. 6).

[Hearing Impaired]

You can set Hearing Impaired mode.

- 2 Use ▲ / ▼ to select [Hearing Impaired], then select [On] or [Off] using ◀ / ▶.

[Hearing Impaired]:

Provides audio service for hearing impaired.

[PVR File System]

You can check the USB speed.

- 2 Use ▲ / ▼ to select [PVR File System], then press OK.

[Aspect Ratio]

You can change TV Screen Display mode.

- 2 Use ▲ / ▼ to select [Aspect Ratio], then press OK.
- 3 Use ▲ / ▼ to select the display mode you want, then press OK.

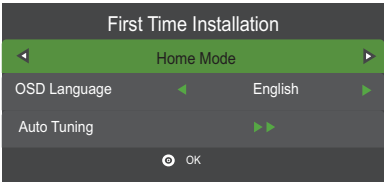
Available options are below.

[ATV], [DTV], [AV], [SCART]:
[Auto], [4:3], [16:9], [Zoom1], [Zoom2]
[PC]:
[4:3], [16:9]
[Component]:
[4:3], [16:9], [Zoom1], [Zoom2]
[HDMI]:
[4:3], [16:9], [Zoom1], [Zoom2], [Just Scan]

[First Time Installation]

This section will guide you through the unit's initial setup which includes selecting a language for your on-screen menu and auto scan, which automatically scans and memorises viewable channels.

- 2 Use ▲ / ▼ to select [First Time Installation], then press OK.

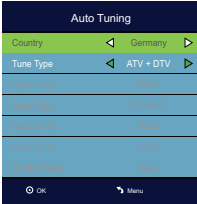


- 3 Use ◀ / ▶ to select the location.

- Select [Home Mode], this unit is set to maximise the energy efficiency for home setting and it can be adjusted through a choice of picture and sound quality according to your preference.
- Select [Retail Mode], this unit will be set up with predefined setting for retail displays.
- If you select [Retail Mode], the confirm message will appear.

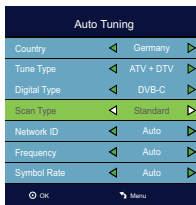
- 4 Use ▲ / ▼ to select [OSD Language], then select the language you want, using ◀ / ▶.
- 5 Use ▲ / ▼ to select [Auto Tuning], then press OK.
- 6 Use ▲ / ▼ to select [Country], then select the country you want, using ◀ / ▶.
- 7 Use ▲ / ▼ to select [Tune Type], then select [DTV], [ATV] or both channels, using ◀ / ▶.

< For DVB-T scanning >



- 8 Press OK to start scanning.

< For DVB-C scanning >



- 8 Use ▲ / ▼ to select **[Digital Type]**, then select **[DVB-C]**, using ◀ / ▶.
- 9 Use ▲ / ▼ to select **[Scan Type]**, then select **[Standard]** or **[Advanced]**, using ◀ / ▶.
- 10 Use ▲ / ▼ to select the item you want, and then adjust the setting, using ◀ / ▶.
- 11 Press **OK** to start scanning.

- Scan confirmation menu will appear.
- In case when not all available cable channels are found through **[Standard]** scanning mode, these programs can be scanned by selecting **[Advanced]** mode. Please note, that **[Advanced]** mode scanning can take additional time.
- Depending on cable TV provider specification, correct subscription to cable signals cannot be guaranteed.
- When the scanning is completed, the lowest memorised digital or analogue channel will be displayed.
- If you press **MENU** during channel scanning, this operation will be paused, then press **MENU** again to exit the initial setup.

[Reset]

You can restore the all settings except channel setting and parental lock settings.

- 2 Use ▲ / ▼ to select **[Reset]**, then press **OK**.
- 3 Press ◀ to select **[Yes]** to reset to default settings.

- After you select **[Yes]**, the unit go into standby and turns on automatically.

[CEC]

If you set to **[On]**, HDMI CEC function allows your device to act in conjunction with this unit.

- 2 Use ▲ / ▼ to select **[CEC]**, then select **[On]** or **[Off]**, using ◀ / ▶.

- Your device must be compatible with HDMI CEC in order to use this function.
- We do not guarantee the all devices can be supported on this unit.

[Software Update(USB)]

It is available to update software using USB.

- 2 Use ▲ / ▼ to select **[Software Update(USB)]**, then press **OK**.

TROUBLESHOOTING GUIDE

Sometimes a performance problem can be easily solved by checking seemingly apparent but often overlooked possibilities.

Before arranging for service, check these items. It could save you time and money.

Problem	Possible Remedy
Remote control does not work	<ul style="list-style-type: none">• Is unit plugged in?• Power at outlet?• Check batteries in remote control.
Bars on TV screen	<ul style="list-style-type: none">• If outside antenna is being used, check for broken wire.• Check for local interference.
Picture distorted	<ul style="list-style-type: none">• Try a new channel, if OK, then possibly due to poor channel reception.• If outside antenna is being used, check for broken wire.• Surrounding temperature is too low.
Picture rolls vertically	<ul style="list-style-type: none">• Try a new channel, if OK, then possibly due to poor channel reception.• If outside antenna is being used, check for broken wire.• Check for local interference.
No colour	<ul style="list-style-type: none">• Try a new channel, if OK, then possibly due to poor channel reception.• Is antenna connected to terminal on the back of the unit?• If outside antenna is being used, check for broken wire.• Adjust [Colour] control.
Poor reception on some channels	<ul style="list-style-type: none">• Try a new channel, if OK, then possibly due to poor channel reception.• Is antenna connected to terminal on the back of the unit?• If outside antenna is being used, check for broken wire.• Check for local interference.
Weak picture	<ul style="list-style-type: none">• Try a new channel, if OK, then possibly due to poor channel reception.• Is antenna connected to terminal on the back of the unit?• If outside antenna is being used, check for broken wire.• Adjust [Contrast] and [Brightness] control.• Surrounding temperature is too low.
Lines or streaks in picture	<ul style="list-style-type: none">• Try a new channel, if OK, then possibly due to poor channel reception.• If outside antenna is being used, check for broken wire.• Check for local interference.

Ghosts in picture	<ul style="list-style-type: none"> • Try a new channel, if OK, then possibly due to poor channel reception. • Is antenna connected to terminal on the back of the unit? • If outside antenna is being used, check for broken wire. • Check for local interference.
Picture blurred	<ul style="list-style-type: none"> • Try a new channel, if OK, then possibly due to poor channel reception. • If outside antenna is being used, check for broken wire.
Sound OK, picture poor	<ul style="list-style-type: none"> • Try a new channel, if OK, then possibly due to poor channel reception. • Is antenna connected to terminal on the back of the unit? • If outside antenna is being used, check for broken wire. • Check for local interference. • Adjust [Contrast] and [Brightness] control.
Picture OK, sound poor	<ul style="list-style-type: none"> • Try a new channel, if OK, then possibly due to poor channel reception. • Check for local interference.
No picture or sound	<ul style="list-style-type: none"> • Try a new channel, if OK, then possibly due to poor channel reception. • Is unit plugged in? • Power at outlet? • Is unit's power on? • Is antenna connected to terminal on the back of the unit? • If outside antenna is being used, check for broken wire. • Unplug the AC power cord and wait for about 1 minute, then plug the AC power cord and turn on the unit again.
Different colour marks on TV screen	<ul style="list-style-type: none"> • Try a new channel, if OK, then possibly due to poor channel reception.
Black or luminous point on TV screen	<ul style="list-style-type: none"> • It is quality of the LCD Panel.

SPECIFICATIONS

LCD	21.6 inches (22FL532/10, 22FL552/10) 26 inches (26FL532/10, 26FL552/10) 31.5 inches (32FL532/10, 32FL552/10)
Television system	DVB-T(MPEG2/MPEG4-H.264), PAL-B/G, D/K, SECAM-B/G, D/K, L (22FL532/10, 26FL532/10, 32FL532/10) DVB-T/C(MPEG2/MPEG4-H.264), PAL-B/G, D/K, SECAM-B/G, D/K, L (22FL552/10, 26FL552/10, 32FL552/10)
Sound output	1.5 W, 8 Ω × 2(22FL532/10, 22FL552/10) 10 W, 8 Ω × 2 (26FL532/10, 26FL552/10) 10 W, 8 Ω × 2 (32FL532/10, 32FL552/10)
Remote control	Digital encoded infrared light system
Operating temperature	5 °C to 40 °C
Power requirements	AC 220-240 V ~ , 50 Hz (22FL532/10, 22FL552/10) AC 220-240 V ~ , 50 Hz (26FL532/10, 26FL552/10) AC 220-240 V ~ , 50 Hz (32FL532/10, 32FL552/10)
Power consumption	28 W (standby: less than 0.5 W) (22FL532/10, 22FL552/10) 40 W (standby: less than 0.5 W) (26FL532/10, 26FL552/10) 42 W (standby: less than 0.5 W) (32FL532/10, 32FL552/10)

Terminals

Antenna	UHF/VHF 75 Ω
Audio input	RCA jack x 2 (L/R)
Composite video input	RCA jack ×1
Component video input	RCA jack ×3 (Y/Pb/Pr)
HDMI input	HDMI 19pin x 2
PC input	D-Sub 15pin x 1 (RGB) / Mini jack Ø3.5 mm x 1 (Audio)
SCART	SCART x 1
Headphone audio output	Mini jack Ø3.5 mm x 1
Coaxial digital audio output	RCA jack × 1
USB terminal	USB × 1
Common Interface	CI slot × 1

**Dimensions
without base**

H:347.0 mm / W:531.0 mm / D:51.0 mm (22FL532/10, 22FL552/10)
H:403.8 mm / W:634.4 mm / D:56.5 mm (26FL532/10, 26FL552/10)
H:473.5 mm / W:755.0 mm / D:56.5 mm (32FL532/10, 32FL552/10)

**Dimensions
with base**

H:384.4 mm / W:531.0 mm / D:135.5 mm (22FL532/10, 22FL552/10)
H:447.9 mm / W:634.4 mm / D:180.2 mm (26FL532/10, 26FL552/10)
H:517.6 mm / W:755.0 mm / D:180.2 mm (32FL532/10, 32FL552/10)

• Protruding parts excluded.

**Weight
without base**

3.62 kg (22FL532/10, 22FL552/10)
5.21 kg (26FL532/10, 26FL552/10)
6.88 kg (32FL532/10, 32FL552/10)

**Weight
with base**

3.80 kg (22FL532/10, 22FL552/10)
5.60 kg (26FL532/10, 26FL552/10)
7.27 kg (32FL532/10, 32FL552/10)